**Objective**

To obtain a position in a progressive, fast paced environment as a SDET/QA Automation Engineer / Tester to best utilize my technical, Interpersonal, Analytical and Documentation skills.

**Professional Profile**

* Around 7 years of diverse experience in analyzing business and technical requirements, develops test plans and scripts. Performs system testing, load/stress testing, integration testing, acceptance testing and unit testing.
* Experience testing of critical enhancement across a variety of systems including Web-based, ETL, Data Warehouse/Reporting.
* Experience in Functional Testing, System Integration Testing, Back End Testing, GUI Testing, configuration Testing, User Acceptance Testing.
* Tested different web services using SOAP UI.
* Planning, Test Design, Test Execution, Defect Tracking
* Proficient in Test Automation with experience concentrated towards Web Application Testing using Selenium WebDriver with TestNG Framework.
* Well versed with handling web elements, writing test cases using Element locators, Web Driver Methods, Java Programming features.
* Experience in creating Page Object Model (POM) using selenium WebDriver
* Proficient in devising all the testing artifacts such as Test Scenarios, Test Cases, Defect Reports and Test Summary.
* Worked in DevOps , installing, configuring and integrating Automation scripts on Continuous Integration tools (CI/CD) like Jenkins for nightly test suite execution and working on knowledge on testing and configuring Amazon Web services(AWS)
* Experience on Web services to combine component-based development and Internet standards and protocols that include HTTP, XML, SOAP and Web services Description language.
* Good knowledge on Object Oriented Programming concepts and Java Programming.
* Strong Experience with data quality testing (validating source and target database using Data mapping using Data mapping/Transformation Rules), regression (Revalidate the positive test cases) and acceptance testing (once the system testing done)
* Experience in testing Business Intelligence reports generated by various BI Tools like Cognos and Tableau.
* Worked with Infrastructure to define/ redefine what's required from environment as well as data needs perspective for both EDW SIT and UAT environments.
* Strong understanding of SQL (can create own SQL to check the integrity of database), database schema, ETL, and data warehouse concepts
* Strong working Experience in writing and executing SQL queries for verifying Source-to-Target mapping/attribute docs and transformation rules
* Extensive experience in following QA methodologies, preparing Test Scenarios, Test Plans, writing Test Cases and executing them; performed Defect Reporting and Tracking through the entire defect life cycle

**Technical Skills**

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| **Testing Tools:** | Selenium WebDriver, SOAP UI |
| **Bug Reporting:** | HP ALM/ Quality Center, Jira |
| **Programming Languages** | C, C++, Java |
| **Database:** | MS SQL Server, My SQL, Oracle |
| **Applications:** | MS Project, MS Visio, MS Office, Eclipse, IntelliJ |
| **Reporting Tools**: | Cognos, Tableau |
| **Web Technologies** | HTML, HTML5, CSS3, JavaScript, XML, XHTML |
| **CI/CD Tools:** | Jenkins |
| **Build Tools:** | ANT |
| **Cross Browser Platform:** | AWS and Selenium GRID |

**PROFESSIONAL EXPERIENCE:**

**Bank of America, Dallas, TX Jan 2017- Present**

**Automation Engineer/SDET**

This project was upgradation of the existing Mortgage system used to submit Loan applications online directly by the Customers, Loan Processing Executives in Bank and third-party mortgage agent firms. This Mortgage System provides online Loan application processing needs connecting the loan originators to customers, partners, lenders, underwriters, and service providers. I was responsible for analyzing system specifications and developing a detailed system Test Plan, including test cases and test procedures using both manual and automation testing.

**Responsibilities:**

* Involved in the Review of Requirements Specification with functional manager and technical specialists of the application.
* Attended daily scrum meeting, retrospective and scrum of scrums meetings in addressing issues
* Developed Test Cases/Test Scripts, execute tests and log results in HP ALM.
* Assigned tasks to team members based on the work allocated on a Sprint level.
* Tested various factors that reflect the overall premium based on the Coverages, exclusions and conditions applied to Rating.
* Created Selenium test cases using TestNG and executed them by creating groups and .xml test suites.
* Experience in behavior driven development (BDD) approach using selenium-cucumber to write and execute automated acceptance/unit tests.
* Developed Test Frameworks in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test Automation (Java /TestNG) prior to agile release.
* Developed the Automation framework using TestNG from the scratch and the scripts (test cases) are written using the Selenium Webdriver API in Java
* Executed all Selenium test scripts on the different browsers and checked for compatibility, also performed the cross-browser testing using Selenium Grid.
* Worked with AWS cloud machines to setup selenium GRID and also Jenkins server on HUB machine.
* Performed SOA testing for verifying request / response pairs and documented results
* Performed Back-End Testing by extensively using SQL commands to verify the database integrity.
* Collaborate with the application developer to identify, track, and resolve defects using JIRA.
* Tested web services by generating XML SOAP requests and validated the corresponding XML SOAP responses.
* Verified the web services for its functionality, reliability, scalability using SOAPUI web services test tools.
* Performed manual and automated test procedures for functional testing of Web services using SoapUI.
* Used SOAP UI to test web services and validated all operations in WSDL.
* Worked with Agile team and determined if requirements are clear, concise, testable and meet customer expectations by participating in grooming sessions and reviewed user stories.
* Involved in the data flow and extensive use of SQL Queries to extract the data from the Database.
* Performed cross browser testing with a variety of web browsers (Internet Explorer, Edge, Firefox, Safari, Chrome) and reported issues, resolved fixes and migrated code into UAT environment.
* including testing, implementation of system enhancements, and bug fixes.
* Reviewing the database Test cases and performs the Database Testing when writing the SQL queries.
* Written several complex SQL queries for validating various reports.
* Software Development Lifecycle Documentation, which includes requirements, design, testing, installation & configuration etc.
* Performance tuning for the developed mappings.
* Work with UNIX / DBA teams related to OS and database related issues.
* Involved in preparing the unit testing, system testing and preparing the unit test cases.
* Worked on Migration Strategies between development, test and production repositories
* Developed mapping document indicating the source tables, columns, data types, transformation required, bulk loading routines, business rules, target tables, columns and data types.

**Environment:** Selenium, TestNG, SQL, API’s, Cucumber, Postman, Swagger, REST, Oracle, TOAD, XML, Flat Files, Excel, MS PowerPoint, AWS.

**Voya Financials, Hartford, CT July 2015- Dec 2016**

**QA Automation Engineer/SDET**

Voya Financials has expanded into a broad variety of business over the years; their focus is property-casualty insurance, personal auto and home owner’s insurance. The project's scope was to build a web-based application for online claims management, which would allow customers to submit online claims for Worker's Compensation (Property and Casualty) and the Non-Worker’s Compensation (Employer Liability, General Liability and Automobile Liability). The newly implemented application allowed agents to generate multiple runtime quotes for the prospective customers. The agents were able to provide quotes, submit claim requests, print ID cards and change insurance coverage for their clients. This application automated the entire process of issuing an insurance policy that starts after receiving a request for quote from the customers and ends at issuing of the policy.

**Responsibilities**

* Formulated detailed Test Plan, Test Cases and Testing Procedures, which included Test Cases/Scripts, capturing Test Results and capturing and resolving Test Anomalies.
* Performed configuration/ compatibility and user interface testing manually.
* Have experience designing and writing training manual templates, design formatting, project planning and writing technical documents.
* Assisted in preparing UAT plan/scripts and assured project manager has taken steps for alignment of Operational Quality Checklist.
* Performed UAT manually in coordination with UAT team to ensure the correct business logic.
* Conducted GUI/Usability Testing and Black Box Testing as per specifications.
* Involved in writing complex SQL queries to check the data integrity
* Ensure that products and changes are fully documented.
* Analyzing and documenting detailed program information working and interacting with software developers and members of various other dependent departments
* Tested Web services using SOAP UI and SOA Reported Defects to developer and generated Reports
* Executed Web Services functional testing and created test suites for validating SOAP and REST based services using SOAP UI.
* Analyzing User and Functional requirements to point out gaps between used SQL queries to extract the data from the database.
* Extensively used Selenium Web Driver to test the web application including recording, playback and debug individual test cases.
* Executed all Selenium test scripts on the different browsers and checked for compatibility, also performed the cross-browser testing using Selenium Grid.
* Perform parameterization of the automated test scripts in Selenium to check how the application performs against multiple sets of data Contributed in developing Automation Framework that uses Java, Selenium WebDriver and TestNG.
* Performed Backend testing by writing SQL queries on UNIX and Windows.
* Tested Re instatement and Renewals for different clients and making sure by running the jobs for every build.
* Used HP ALM for requirements management and Defect Tracking.
* Logged the defects found in HP ALM while execution of test scripts. Later, migrated to JIRA for defect tracking and maintaining user stories.
* Validated the system end-to-end testing to meet the approved functional requirements.
* Maintained test matrix and bug database and generated monthly reports.
* Tested Reports functionality and result applying Business rules with estimated Results
* Defects were tracked, reviewed, analyzed and compared using ALM/ Quality Center.
* Created daily status reports in ALM/ Quality Center using dashboard.
* Exported data from ALM/ Quality Center to Excel using query builder in dashboard.

**Environment**: Selenium, TestNG, SQL Server, Postman, REST, API, HP ALM, XML, HTML, UNIX, MS Visio, Windows.

**Fifth Third Bank, Cincinnati, OH Sep 2014 – May 2015**

**QA Automation Engineer/SDET**

The project at 5/3rd was to re-design, re-alter, and update their banking platform. Loan Origination System (LOS) is designed to book loans in commercial banking and Monitor Data Integration. It allows inputting all the information about businesses and individuals in the main application form that is tied up with number of other forms in a precise workflow. Loans are approved and then booked if all the requirements are fulfilled. I was also responsible for conducting User Acceptance Testing on the updated platform using various automated and manual tests.

**Responsibilities:**

* Worked as a QA Analyst for testing the applications and closely worked on agile software development methodology. Maintained the Requirement Traceability Matrix.
* Handle the tasks of reviewing testing documentation to ensure that it meets the software development and testing standards
* Responsible for examining the level of testing process to ensure product quality.
* Executed sessions, both sequential and concurrent for efficient execution of mappings and used other tasks like event wait, event raise, email, command, and pre/post SQL.
* Involved in defining and documenting the vision and scope of the data warehousing project
* Involved in building automation framework from scratch using Selenium WebDriver, JAVA, Junit, Cucumber (BDD), and Eclipse.
* Involved in Teradata SQL Development, Unit Testing and Performance Tuning and to ensure testing issues are resolved based on using defect reports
* Performed System integration testing and Regression testing on old and new boxes. Test case creation and execution documented the test strategies.
* Perform Header and Body Testing as a part of Regression Test using SOAP UI
* Inspected and worked on HTTP web services application and on SOAP APIs.
* Tested and Validated Request and Response of XML using SOAP UI.
* Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium Web-Driver with Test-NG.
* Worked with the ETL team for identifying the various sources of data and for checking the quality of data for data warehousing projects.
* Created Test Scripts Using Selenium web driver tool.
* Extensively executed SQL queries to view successful transactions of data
* Extracted source data from Flat files, XML files and loaded into target database.
* Used Selenium IDE for Open source web testing.
* Identified all bugs present in database and coordinated with software developers and resolved all issues.

**Environment:** Windows, Quality Center, Version One, Mainframe, API’S, SOAP, REST, SharePoint, SQL, MS Office, Quality Center, HTML, XML, SOAP UI.

**Immobile, Hyderabad, India Jul 2012 – Jun 2013**

**QA Tester**

**Responsibilities:**

• Performed Smoke, Sanity, Functional and End to end Testing. Prepared test data for positive and negative test scenarios as per application specification requirements.

• Responsible for periodic updating of Test Plans and Test Cases as per Requirement Specifications and Business rules.

• Developed and enhanced various test scripts using Selenium WebDriver to handle the changes occurred in the web elements during the build releases.

• Manually tested the functionality and developed automation Test Scripts to perform Functional and regression Testing.

• Designed Data Driven Framework for reading the data from excel sheets using Apache POI (Page Object Index) library and TestNG data provider.

• Developed Test Code in Java language using IntelliJ and Involved in Unit Testing Using JUnit.

• Scripted Tests and automated using Selenium IDE / Selenium WebDriver at OS level for User Interface (UI).

• Implemented automation framework for Smoke Test to as certain that the crucial functions of the application work and implemented Regression Test to detect bugs after enhancement and configuration settings of the code.

• Worked closely with development team to resolve the defects and Testability issues throughout software testing life cycle.

• Utilized Firebug to identify CSS, XPath, Link Texts in the application to check the compatibility.

• Successfully wrote SQL queries to verify the database updates, inserts and deletion of the records using MySQL.

• Performed Cross Browser Testing on different browsers.

• Used Rally for bug Tracking and reporting and SVN as the version control Tool. Regression Testing was performed after each build release of the application using Selenium.

• Followed Agile Testing Methodology, participated in daily SCRUM meetings and Testing each module.

• Involved in test approach & test case walkthrough, review with peers and test leads. The Work group consists of business system analysts, developers and architects.

**Environment:** Java, Selenium WebDriver, Selenium IDE, Firebug, Jenkins, RESTful, XML, XPath, Agile, Scrum, MySQL, SoapUI, SVN, Rally, ANT, IntelliJ, JUnit, TestNG.

**Immobile, Hyderabad, India June 2011 - June 2012**

**Jr QA Tester**

 Involved in Automation using Selenium and writing JavaScript for a web-based finance application.

**Responsibilities:**

* Understanding new requirements and developing QA Test cases for the new requirements. Responsible for attending the daily meeting regarding the status of the Application on daily basis in the Agile Environment.
* Worked with the Web programming language HTML, CSS, XML and selected web element using Firebug and Fire Path.
* Worked on Data Driven API (POI). Hands on experience on TestNG framework and Integration with Selenium. Reported the test result by using TestNG and different API.
* Responsible for developing the scripts for mobile and executing those scripts on mobile Emulators using the Desired Capabilities by passing the device name like IPhone 6, Google Nexus 5 or simply by passing the user-agent.
* Used JIRA for defect tracking system, GIT for version control and Jenkins for continuous integration.
* Responsible for Executing Regression testing, Daily Health Check(DHC) on the testman by triggering the Jenkins job.
* Worked on Cross Browser testing through Selenium WebDriver by testing the website on different browsers like Chrome, IE and Firefox. Also Involved in testing PDP Validations of the grid Wall using Html Unit Driver and Phantom JS Driver.

 **Environment**: HP Quality Center, Quick Test Pro, Selenium, JIRA, Java/J2EE, JavaScript, Web Sphere, WSDL, Linux, UNIX, XML, Selenium, Rally, WebLogic Application Server.

**education:**

Masters - IT - University of the Cumberlands – Williamsburg, Kentucky.

Bachelors - CMS - Pace Institute of Technology and Sciences – Andhra Pradesh, INDIA.